13 Time Goes On
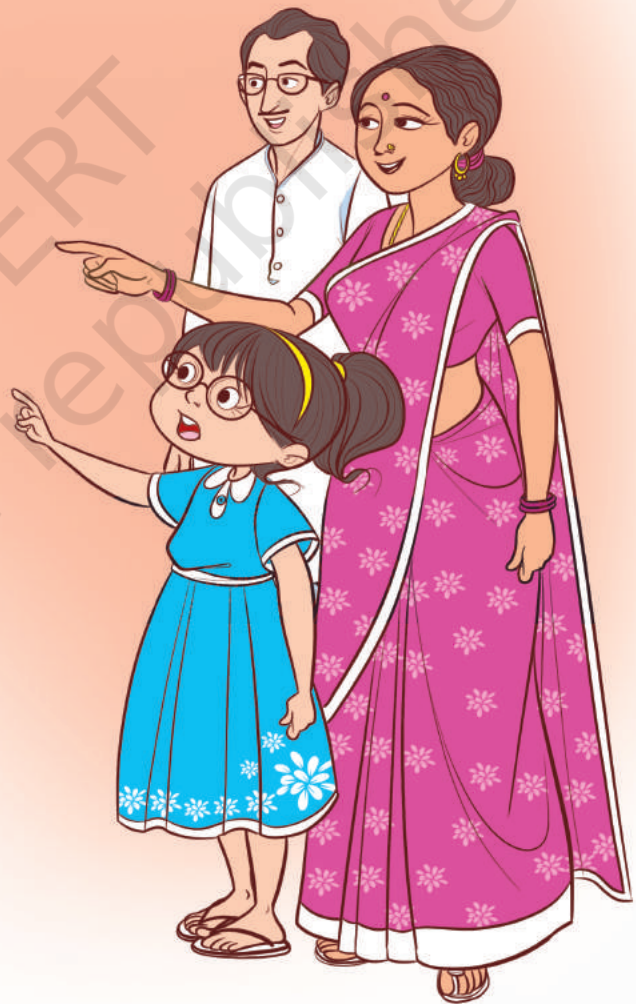
Appa bought a new calendar,
Amma points a big blunder.
Missing was the month of July,
I wonder, where did it fly?
Don't worry, don't worry,
I have a solution to your query.
July and January looks the same,
Let us play the calendar game.

Make the calendar for the month of July 2024.

July

Monday (सोमवार)	Tuesday (मंगलवार)	Wednesday (बुधवार)	Thursday (गुरुवार)	Friday (शुक्रवार)	Saturday (शनिवार)	Sunday (रविवार)

Observe the July month and complete the following.

1. Number of Sundays _____

2. Write the dates in this month that are Thursdays _____

3. Three days after July 22 is July _____. The day on this date is _____

4. A school closes on July 7 for 15 days. The date on which the school will open is _____

Let us Explore

Collect calendars for the last two years. Observe the following in both the calendars:

1. What is the same? What is changing in the years?
    Tick ✓ the correct answer.
    (a) Names of the months   Same/ Changes
    (b) Days in a month   Same/ Changes
    (c) Days in a week   Same/ Changes
    (d) Number of Sundays   Same/ Changes
    (e) Number of weeks in a year Same /Changes

Festival	Date Month Year DD/MM/YY _____	Date Month Year DD/MM/YY _____	Festival	Date Month Year DD/MM/YY _____	Date Month Year DD/MM/YY _____
Deepawali			Makarsankranti		
Ganesh Chaturthi			Mahavirjayanti		
Id-ul-fitr			Independence Day		
Dussehra			Gurupurab		
Buddha Purnima			Republic day		
Christmas			Your birthday		

Circle the festivals that fall on the same date.

Let us Do

1. Write the names of the 12 months in a year.
2. Months that have less than 30 days _____
3. Number of days in a year _____
4. Hetal says there are 53 weeks in a year. Is she right? Yes/No. If not, how many weeks did you find in a year?

Time Goes On

Age Fun

Talk to your mother and find the following.

Age of my mother's mother when my mother was born:
_____

My age today:
_____

My mother's age today:
_____

How old are we?

Age of my mother's mother when I was born:
_____

My mother's age when I was born:
_____

Age of my mother's mother today:
_____

Hetal is twice as old as her brother. She is also 10 years older than her brother. Guess the age of Hetal and her brother.

Teacher's Note: Discuss with the children the strategies they used to find the age of different people.

Form Number 5
Goverment of Kerala

BIRTH CERTIFICATE

This is to certify that this information is taken from the original record of birth which is in the register for the year 2015 of Kottayam Panchayat.

Name:	*Bincy Thomas Jacob*
Sex:	*female*
Date of Birth:	*02/05/2015 (Second May Two Thousand Fifteen)*
Place of Birth:	*Kadampuzha Hospital*
Name of Father:	*Jacob Tharakan*
Name of Mother:	*Lara Thomas*
Date of Registration:	*02/05/2015*
Registration Number:	*815/15*

Date 18. 05. 2015   *Signature Authority*

Look at the birth certificate of Bincy and answer the following question.

1. 2/5/2015 shows that Bincy was born on 2 (April/May/ June/July) in the year 2015.

2. How old will Bincy be on 2 May 2025? _____

3. How old will she be in 2030? _____

4. Eighth Birthday of Bincy was on _____.

5. Bincy was _____ months old on 2 August 2015.

6. After how many days of her birth was the certificate issued? _____

1. Make your own birth certificate.

Form Number _____

Government of _____

BIRTH CERTIFICATE

This is to certify that the information was taken from original records of birth which is in the register of year _____ *and* _____

Name : _____

Sex: _____

Date of Birth: _____

Place of Birth: _____

Name of Father: _____

Name of Mother: _____

Date of Making Certificate: _____

*Age on the date of making the certificate:* _____

Your Signature

2. Complete the following by writing the dates in the boxes given below:

Date of Birth	Date on which you were admitted in the school.	Date on which you were admitted in Class I.	Date on which you were admitted in Class III.

Let us Play

Get a working analog clock or watch. Observe the face of the clock and movements of the hands. Discuss what you observe.

Hour hand
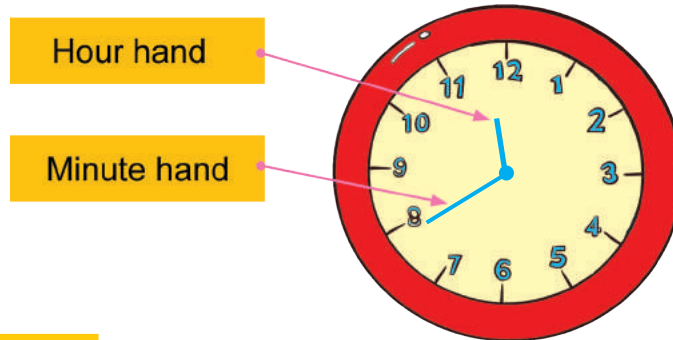
Minute hand

Let us Do

1. Hetal started her breakfast at 7 o'clock in the morning. She finished her breakfast at 07:15 in the morning.
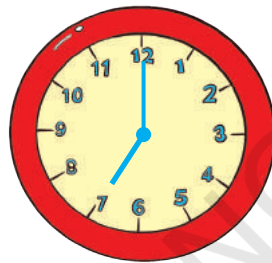
    (a) 07:00   (b) 07:15
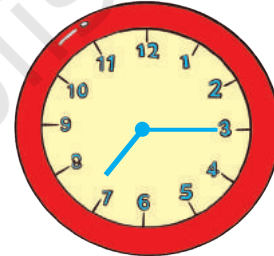
    She took _____ minutes to eat her breakfast. How do you know?

2. Draw the hour hand and minute hand on the clock to show the following:

    (a) 8:15 or quarter past 8   (b) 8:30 or half past 8
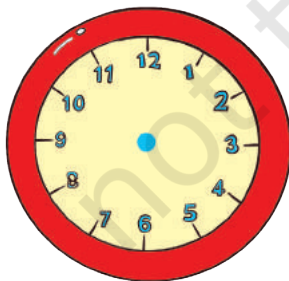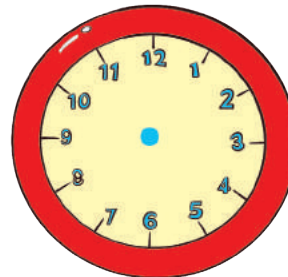
Teacher's Note: Discuss with children what the numbers and marks on the clock mean. Also discuss the process of measuring the duration of hours and minutes using the clock.

Time Goes On

A Day in the life of Hetal.

Match the activity with the statement shown in the picture. Write the time and draw the minute hand and the hour hand wherever it is required.
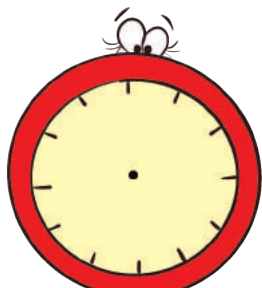
7 o'clock

Does yoga

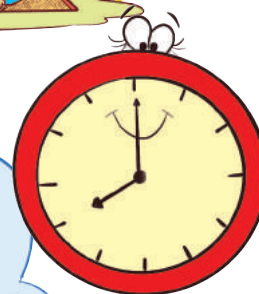9 o'clock

Goes to Sleep
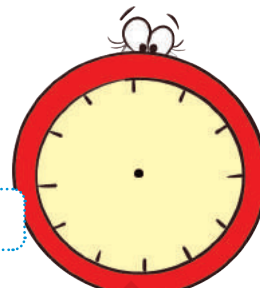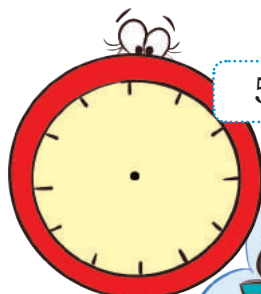
_____ o'clock

Wakes up

Goes to School

5 o'clock

Studies

_____ o'clock

Haves Lunch

Returns to home

4 o'clock

Plays
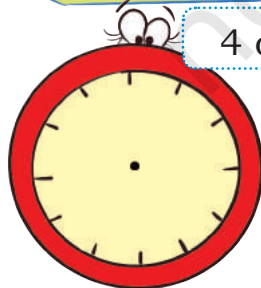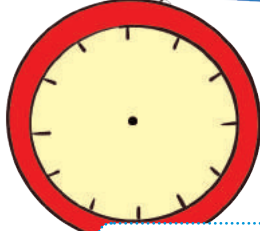
1 o'clock

2 o'clock
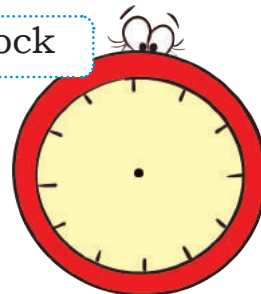
Visit to Nani's House (Grandma's House)

"Is this the same sweater you were knitting earlier?"

"Yes, it took me two months. Now it is almost ready for you."

"How long do these vegetables take to grow?"

"Different vegetable seeds take different times to grow. Radish takes 2-3 weeks; cabbage, capsicum, carrot, cauliflower etc. may take 2-3 months."
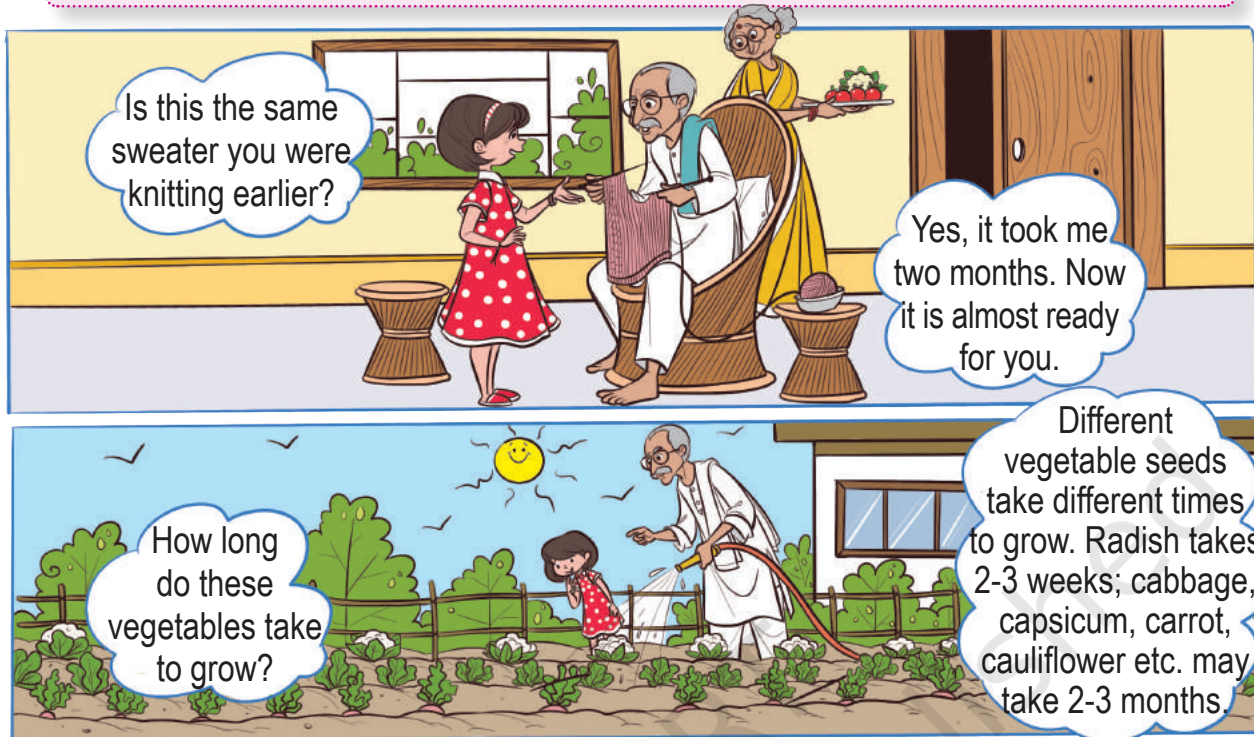
Let us Think

Fill the table by writing events or activities from your daily life that can take the following durations of time. One is written as an example in each column.

Takes months	Takes weeks	Takes days	Takes hours	Takes minutes
Changing from summer to winter	Completing a chapter in class	Knitting a sweater	Stitching a shirt	Taking a shower

Teacher's Note: Bring the child's attention to different events that take minutes, hours, days or months to complete.
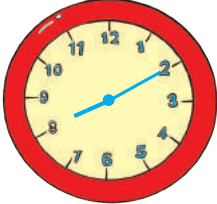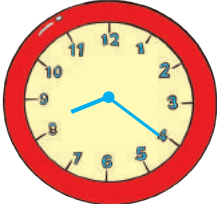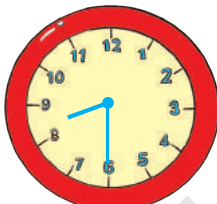
Time Goes On
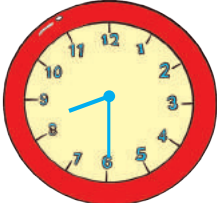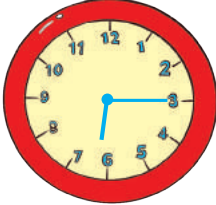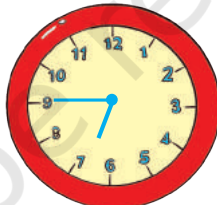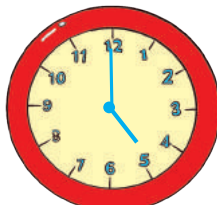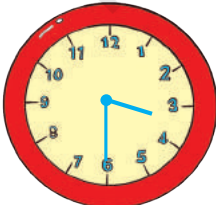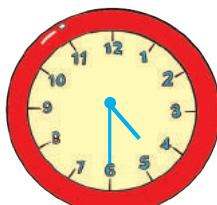
3. Write the number of minutes taken for the following activities.

Activity	Time taken
School Period	_____ minutes
Lunch Break	_____ minutes
Midday Meal	_____ minutes
Play Period	_____ minutes
Eating Dinner	_____ minutes
Brushing Teeth	_____ minutes

4. Write down what you can do in the time frame given below.

Time	Activity
5 minutes	
10 minutes	
15 minutes	
20 minutes	
25 minutes	
30 minutes	
45 minutes	
60 minutes	

5. Write the number of minutes passed by looking at the movement of the minute and hour hands.

Begining Time	End Time	Time taken
		5 minutes

Time Goes On

You may have seen digital watches or clocks at various places. Where have you seen them?

A **digital** clock shows time using digits. A clock showing time with second, minute and hour hands is called an **Analog** clock.

1. What is the difference between the above two clocks?
2. Which clock do you have on your school wall?

Duration of time is also measured using sand clocks. Make your own sand clock (timer), in the presence of an adult.

Material required:

(i) Two waste transparent or glass bottles of small size with caps.
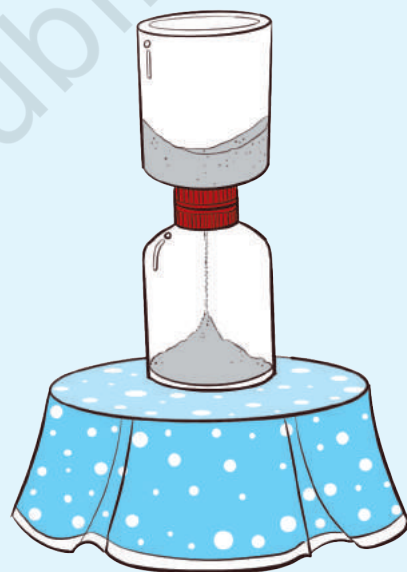
(ii) Strong glue to join bottle caps.

Process:

Join the tops of the bottle caps with each other using a strong glue.

Make a small hole with a fine needle at the centre of the joined caps.

Fill one of the bottles half way with fine sand and close the bottle with the joined caps.

Attach the second bottle on the other side of the joined caps.

Find out how much time it takes to shift the sand from one bottle to the second one by looking at the clock. Your sand clock is ready for use. You may use it to time while playing different games.

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